

APPENDIX A

THE QUESTIONNAIRE FOR THE ARFAK TRIBALS
INVOLVED IN THE PROJECTS

Date of the Interview

Name of the Village

Respondent's Name

A. Respondent's Attributes

1. How old are you? years
2. What is your educational status?
 - a. Illiterate
 - b. Have attended the Literacy Course (*Kursus Buta Huruf*)
 - c. (the highest level of formal education that has been achieved)
3. Would you please provide some details about your household members

Household members	Age	Educational Status
Total members:		

4. How often did you visit Manokwari city last month?
 - a. Never
 - b. Once a week or less
 - c. More than once a week
5. Do you hold any of the following leadership positions in this village? (*could be more than one position*)

- a. Headman (*Kepala Suku*) (Yes/No)
 - b. Church leader (*Gembala*) (Yes/No)
 - c. Village government official (*Kepala/Aparat Desa*) (Yes/No)
Please specify if "Yes".....
 - d. None of the above
6. Please could you share your experiences with the extension service this year.

In the transmigration project

- a. How often you were contacted by the extension officer (*PPL*) this year?
 - . Never been contacted at all
 - . Occasionally contacted (less than six time)
 - . Frequently contacted (at least once in two month)
- b. What he/she usually did when he/she visited you?
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- c. In general, which of the following statements represent your rating about the quality of his/her extension service to you?
 - . He/she always helped me to understand and to apply the technology.
 - . He/she only sometimes helped me to understand and to apply the technology.
 - . He/she never helped me to understand and to apply the technology.

In the oilpalm project (only for those who are involved as smallholders in the oilpalm-NESS project)

- a. How often you were contacted by the oilpalm field officer (*asisten*) in the last three months?
 - . Never been contacted at all
 - . Occasionally contacted (less than twice in a month)
 - . Frequently contacted (at least twice a month)
- b. What he/she usually did when he/she visited you?
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- c. In general, which of the following statement represent your rating about the quality of his/her extension service to you?
- . He/she always helped me to understand and to apply the technology.
 - . He/she only sometimes helped me to understand and to apply the technology.
 - . He/she never helped me to understand and to apply the technology.

7. How long have you been involved as a local transmigrant in this transmigration project? years

8. a. Do you have any Javanese friends? Yes/No
- b. Did you ever learn any new agricultural practices from them Yes/No
- c. Other comments in relation to this issue

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9. Can you provide some information regarding your cash income this year?

What was (were) your source(s) of cash income this year?	How often did you make money from this source, and how much on average?	Estimated total earnings from this source per month
Total monthly income		Rp

B. Adoption of Innovations Introduced by the Transmigration Project

a. Rice farming

1. Did you have any ideas about rice farming before you joined the transmigration project?

(Yes/No) -- if "No" go to Question 3.

2. Did you farm rice before you joined the transmigration project? (Yes/No)

3. Did you farm rice as a result of joining the transmigration project?

(Yes/No)

If "Yes", since When?

4. Do you still farm rice now?

(Yes/No)

5. In average, how large is (was) your rice farm?

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6. What are (were) the activities involved when you farm(ed) rice?

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7. *(For those who discontinued to farm rice)* When did you discontinue to farm rice?

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Why did you discontinue to farm rice?

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8. *(For those who have never farmed rice)* Why have you never grown rice?

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b. Soybean farming

1. Did you have any ideas about soybean farming before you joined the transmigration project?

(Yes/No) -- if "No" go to Question 3.

2. Did you farmed soybean before you joined the transmigration project? (Yes/No)

3. Did you farm soybean as a result of joining the transmigration project?

(Yes/No)

If "Yes", since When?

4. Do you still farm soybean now?

(Yes/No)

5. In average, how large is (was) your soybean farm?

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6. Can you tell me what are (were) the activities involved when you farm(ed) soybean?

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7. *(For those who discontinued to farm soybean)* When did you discontinue to farm soybean?

Why did you discontinue to farm soybean?

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8. *(For those who have never farmed soybean)* Why have you never farmed soybean?

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c. Handhoeing Practice

1. Did you have any ideas about handhoeing before you joined the transmigration project?
(Yes/No) -- if "No" go to Question 3.
2. Have you used handhoeing technique before you joined the transmigration project?
(Yes/No)
3. Do you use the handhoeing technique as a result of joining the transmigration project?
(Yes/No)
If "Yes", since When?
4. Do you still practice handhoeing now?
(Yes/No)
5. What sorts of crops do (did) you cultivate by using handhoeing technique?
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6. *(For those who discontinued to practice handhoeing technique)* When did you discontinue practicing handhoeing technique?
Why did you discontinue to use handhoeing technique?
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7. *(For those who never practice handhoeing technique)*
Why do you not using handhoeing technique?
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d. Pesticides

1. Did you have any ideas about pesticides before you joined the transmigration project?
(Yes/No) -- if "No" go to Question 3.

2. Did you use pesticides before you joined the transmigration project?
(Yes/No)

3. Did you use pesticides as a result of joining the transmigration project?
(Yes/No)
If "Yes", since When?

4. Do you still use pesticides now?
(Yes/No)

5. What are (were) the crops to which you apply pesticides to control pests/diseases?
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6. *(For those who discontinued to use pesticides)* When did you discontinue to use pesticides?

Why did you discontinue to use pesticides?
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7. *(For those who never use pesticides)*
Why do you not use pesticides?
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e. **Fertilisers**

1. Did you have any ideas about fertilisers before you joined the transmigration project?
(Yes/No) -- if "No" go to Question 3.

2. Did you use fertilisers before you joined the transmigration project?
(Yes/No)

3. Did you use fertilisers as a result of joining the transmigration project?
(Yes/No)
If "Yes", since When?

4. Do you still use fertilisers now?
(Yes/No)

5. What are (were) the crops to which you apply fertilisers?
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6. *(For those who discontinued to use fertilisers)* When did you discontinue using fertilisers?

Why did you discontinue to use fertilisers?
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7. *(For those who never use fertilisers)*
Why do you not use fertilisers?
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f. **Cooperative Business Enterprise (KUD)**

1. Did you have any idea about KUD before you joined the transmigration project?
(Yes/No) -- if "No" go to Question 3.

2. Were you a member of a KUD before you joined the transmigration project?
(Yes/No)

3. Did you become a member of the KUD as a result of joining the transmigration project?
(Yes/No)

If "Yes", since When?

4. Are you still a member of the KUD now?
(Yes/No)

5. *(For those who discontinued the membership in KUD)* When did you discontinue your membership in the KUD?

Why did you discontinue your membership?

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6. *(For those who never been a member of the KUD)*

Why don't you join the KUD?

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g. Cattle raising

1. Did you have any ideas about cattle before you joined the transmigration project?
(Yes/No) -- if "No" go to Question 3.

2. Did you raise cattle before you joined the transmigration project?
(Yes/No)

3. Did you raise cattle as a result of joining the transmigration project?
If "Yes", since When?

4. Do you still raise cattle now?
(Yes/No)

5. Do you have any access to the cattle credit scheme in this transmigration site?
(Yes/No)

Other comments regarding this issue?

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6. How many cattle do you have?

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7. Do you use stalls for your cattle? Yes/No

8. At what stage are you in regard to cattle credit repayment?

a. Repaid

b. Still repaying credit

C. The Adoption of Innovations Introduced by Oilpalm-NESS

a. Fertiliser

1. Which of the following statement accurately represent your situation in regard to the application of fertilisers in your oilpalm blocks?
 - a. Since I joined the oilpalm-NESS as a smallholder, I have never used the fertilisers distributed by the company
 - b. I have used the fertilisers but I discontinued
 - c. I always utilise the fertilisers according to the company's regulation.

2. *(For those who utilise the fertilisers)*

Would you tell me what sorts of benefits you get from applying the fertilisers?

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3. *(For those who never/discontinued to use fertilisers)*

Would you tell me, please, why you don't use/discontinued to use fertilisers?

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b. Weeding Practice

1. Which of the following statements accurately represent your situation in regard to the extent to which you apply weeding practice around your oilpalm trunks?
 - a. Since I joined the oilpalm-NESS as a smallholder, I have never applied weeding practice
 - b. I have applied weeding practice, but have discontinued
 - c. I always apply weeding practice

2. *(For those who continuously apply weeding practice)*

Would you tell me, please, what are the benefits you get from applying weeding practice?

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3. *(For those who never/discontinued to apply weeding practice)*

Would you tell me, please, why you don't use/discontinued to apply weeding practice?

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c. **Farmers Group**

1. Which of the following statement accurately represent your situation with regard to the membership of the farmers' group in the oilpalm-NESS?

- a. Since I joined the oilpalm-NESS as a smallholder, I have never become a member of the farmers' group.
- b. I have been a member of the farmers' group, but I discontinued my membership.
- c. I am a member of the farmers group

2. *(For those who have membership in the farmers' group)*

Would you tell me, please, what sorts of benefits do you get from being member of the farmers' group?

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3. *(For those who have never become a member/discontinued the membership in the farmers' group).*

Would you tell me, please, why you don't become a member/discontinued your membership in the farmers group?

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C. Perception of the Quality of Life after Joining the Projects

- 1. In general, how do you rate your quality of life now as compared to before you joined the projects
 - a. Better
 - b. Worse
 - c. The same

2. Would you please tell me, why do you have that opinion?

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APPENDIX B
THE QUESTIONNAIRE FOR THE JAVANESE TRANSMIGRANTS

Date of the Interview

Name of the Village

Respondent's Name

A. Respondent's Attributes

1. How old are you? years
2. What is your educational status?
 - a. Illiterate
 - b. Have attended the Literacy Course (*Kursus Buta Huruf*)
 - c. (the highest level of formal education that has been achieved)
3. Would you please provide some details about your household members.

Household members	Age	Educational Status
Total members:		

4. Would you share, please, your experience with the extension service this year.
 - a. How often you were contacted by the extension officer (*PPL*) this year?
 - . Never been contacted at all
 - . Occasionally contacted (less than six time)
 - . Frequently contacted (at least once in two month)
 - b. What he/she usually did when he/she visited you?

.....

.....

.....

- c. In general, which of the following statements represent your rating about the quality of his/her extension service to you?
- . He/she always helped me to understand and to apply the technology.
 - . He/she only sometimes helped me to understand and to apply the technology.
 - . He/she never helped me to understand and to apply the technology.
5. How long have you been involved as transmigrant in this transmigration project?
..... years
6. a. Do you have any Arfak tribal friend(s)? Yes/No
- b. Did he/she ever learn any new agricultural practices from you? Yes/No
- c. Other comments in relation to this issue
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7. Can you provide some information regarding your cash income this year?

What was (were) your source(s) of cash income this year?	How often did you make money from this source, and how much in average	Estimated total earnings from this source per month
Total monthly income		Rp

B. Extent of Practicing the Technologies of the Transmigration Project

Remarks: Since the questions asked to the Javanese transmigrant in this section were basically the same as the questions asked to the Arfak tribals they are not repeated again here. For full information, please refer to Appendix 1, section B, page 357-363). However, questions in Sections C and D as in the Appendix 1 were not asked to the Javanese transmigrants.

APPENDIX C

**THE QUESTIONNAIRE FOR THE ARFAK TRIBALS
IN THE TRADITIONAL VILLAGES**

Date of the Interview

Name of the Village

Respondent's Name

1. Would you please tell me, what crops do you grow in your gardens, what livestock you raise, and which one(s) are to be marketed? Would you also identify which crops/livestock were introduced to your village by other people?

Crops/Livestock	Cultivated/raised to be sold in the market (✓)	Introduced (✓), and by whom?

2. Can you tell me, what activities are involved from the opening of a new garden until you move to a new place to open another garden?

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3. In relation to the activities you just mentioned, can you also inform me, who, from your household, plays the more important role in each activity?

Activity	Is the main responsibility of

4. Can you provide some information regarding your cash income this year?

What was (were) your source(s) of cash income this year?	How often did you make money from this source, and how much on average	Estimated your total earnings from this source per month*)
Total monthly income		Rp

APPENDIX D

THE QUESTIONNAIRE FOR THE
FIELD OFFICERS

Dear,

My name is Agus Sumule. I am currently undertaking a research to study the technology adoption behaviour of the Arfak tribals. Since I understand that you have rich experiences in helping the Arfak tribals in various areas of development, I would like to have your comments on several issues that I am interested in.

Your information will be used for this research only, and will be treated confidentially.

Sincerely Yours,

Agus Sumule

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Please circle the most appropriate answer. If you have comments, please write in the space provided

Your perceptions about the Arfak tribals

- 1. Arfak tribals basically are lazy
 - . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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2. The majority of the Arfak tribals are satisfied with their condition, therefore they don't want to change
- . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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3. Arfak tribals basically are like other people, the obstacle is that there are certain aspects of their customs which limit them from progress
- . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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Perception about Development Efforts for Arfak Tribal

4. Government attention for Arfak tribals is still inadequate
- . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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5. Technologies introduced to Arfak farmers through the project are basically beyond their capabilities
- . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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6. Up to now, the adequate method for the development of Arfak tribals still has not been properly formulated
- . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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Issues in communication with Arfak tribals

7. Language is one of my major problems in communicating with Arfak tribals
- . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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8. I have a reasonable understanding of Arfak tribals customs
- . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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9. I face difficulties in reaching out to the Arfak tribals
- . strongly agree
 - . agree
 - . disagree
 - . strongly disagree
 - . no opinion

Comments:

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Job Satisfaction

10. Compared to the responsibilities assigned to you, your salary and other facilities are adequate

- . strongly agree
- . agree
- . disagree
- . strongly disagree
- . no opinion

Comments:

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11. You are satisfied with the ways development program in your area are being planned and implemented.

- . strongly agree
- . agree
- . disagree
- . strongly disagree
- . no opinion

Comments:

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12. If you are provided with better supports by your institutions, your working performance will be improved

- . strongly agree
- . agree
- . disagree
- . strongly disagree
- . no opinion

Comments:

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